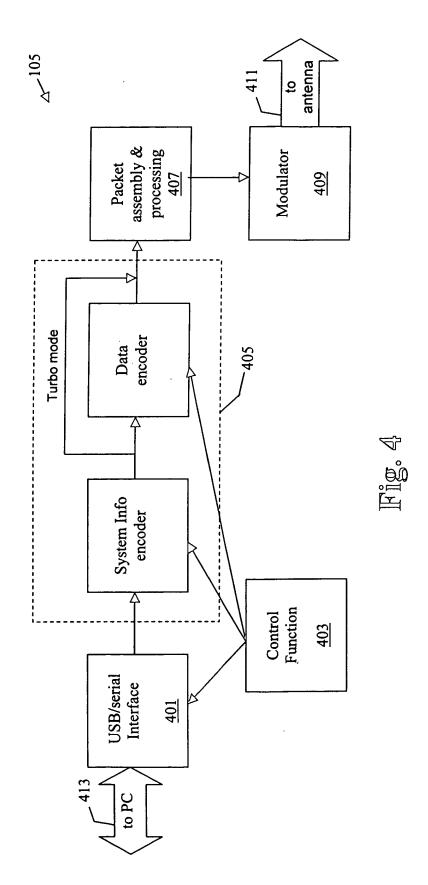
CAMPTEMAT

Docket No. 1035/15/JUT15/15/12/2
Title: SYSTEM 3 NO ALGATATUS FOT DEPFORIABING BROAD OF STAND LOCALCAST COMMUNICATIONS
Sheet 4 of



The best that I I then all I ia Lak the test than the ri The state of the s

. Desir

Docket No.: 501L7.5TUTUV/177839.2
Title: SYSTEM ACE APPARA TUTIFOR FFRITORMATOR: COMPONET AND LOCALCAST COMPUNICATIONS

Sheet 5 of

√—501 Frame N

	•									-				
Sub-frame 0:			Sub-frame 1:			Sul	b-frame 2:			Sub	o-frame 3:			
Segment 0-3 Packets 0-10			Segment 4-7 Packets 0-102				Segment 8-11 for Packets 0-1023				Segment 12-15 for Packets 0-1023			
All segments packets 1024			All segments packets 1088-			All segments for Fast packets 1152-1215				All segments for Fast packets 1216-1279				
												18.18		
Segment 4	Seg	0	Segment 4	Seg 1		Seg	ment 4	Seg	2	Segment 4		Seg	3	
For Packets 0-255	Fas Pkts 108 115	s 2 8-	For Packets 256-511	Pkts 1088	Fast Fo		or Packets 2-767				For Packets 768-1023		Fast Pkts 1088- 1151	
Segment 5	Segment 5 Seg 4 Segment 5		Segment 5	Seg 5		Se	egment 5	s	eg 6 S		gment 5	S	eg 7	
For Packets 0-255	PI 10	ast kts)88- 51	For Packets 256-511	Pk	ast kts)88- 51	ı	or Packets 2-767	P 10	ast kts)88- 151	•	r Packets 8-1023	Pi	ast kts)88-	
Segment 6 Seg 8 Segr		Segment 6		Seg 9 Fast Pkts 1088- 1151		For Packets 512-767		Seg 10		Segment 6		Seg		
For Packe 0-255	For Packets Fast Pkts 1088 1151		For Packets 256-511					Fast Pkts 1088- 1151	 -			Fast Pkts 1088- 1151		
Segmen For Pac 0-255		Seg 12	Segmen For Pack 256-511		Seg 13 Fas Pkts 108 115	t s 8-	Segment For Pack 512-767		Seg 14 Fas Pkts 108 115	t s 8-	Segment For Pack 768-1023	ets	Seg 15 Fast Pkts 1088- 1151	

իտե

a P-P

THE THE STATE OF T

il al

MODIFIED HDLC FRAME FORMAT

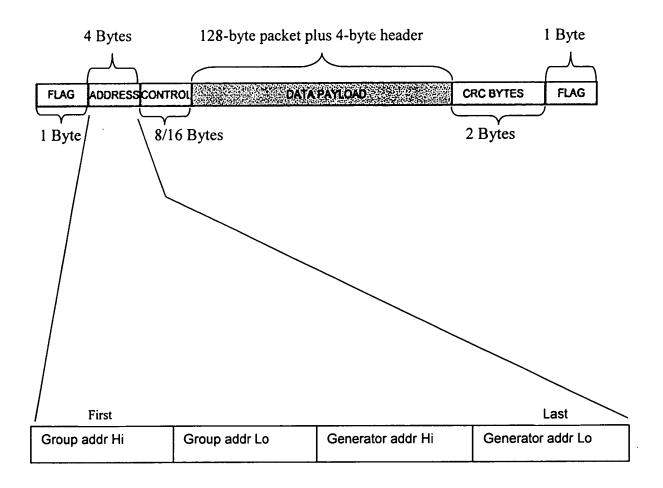


Fig. 6

運

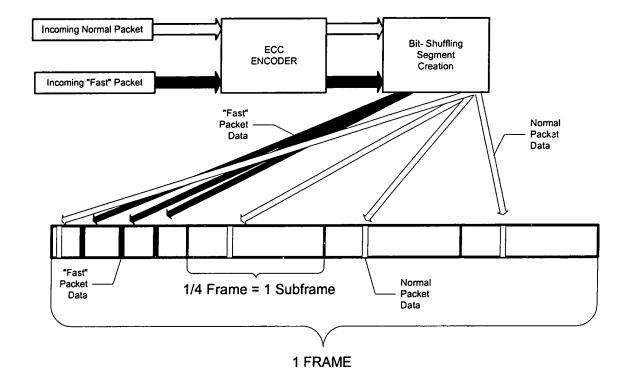
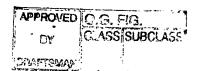


Fig. 7



Docket No.: 50057.1.0/CU17.77070.2
Title: SYSTER 74 IT # PF//IGATUU FOF, PEFI, DRIAING EF OAL CAST AND LOCALOAST COMMUNICATIONS
Cheet 8

Fixed synchronization pattern	Shift Register (1 bit un-	Segment Index (1 bit un-	Segment data (1/8 of data bits from a packet, interleaved according to preset pattern).
(6 bits unencoded)	encoded)	encoded)	(64 bits encoded)

3 symbols

The state of the s

1 symbol

64 symbols

Fig. 8

Ω

CONTRANT.

Correlation sequence \circ $\mathbf{\omega}$ 64 symbols ⋖ Seg 7 Data Data Seg 6 Eight segments, each of 64 data bits, interleaved, and 4 system information bits, separately 1/2-rate encoded. (4*8*2)+(64*8*2) = 1088 FM symbols/packet Data Seg 5 Seg 4 Data Seg 3 Data Seg 2 Data Seg 1 Data Seg 0 Data Ω Correlation sequence Ö 64 symbols $\boldsymbol{\omega}$

⋖

0 3 4	4	15 16	23 24	31
Packet Type = localcast	Packet ID		Channel ID	Spare
0 3	3 4 7 8		19 20	31
Packet	Packet			

Receiver ID

Sender ID

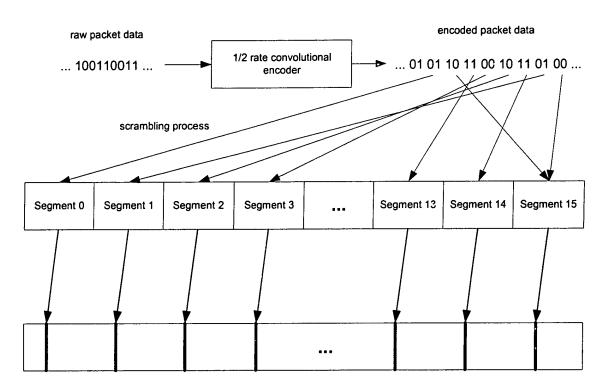
sednence number

Type =

p2p turbo

The state of the s

That then that the



segment placement in output frame

Fig. 10

THE REPORT OF THE PARTY OF THE

. Indi

Docket Mail: 57017/07/039/2
Title: SYSTEM AITL APPAPATUS FOR FURFUS MING BROADCACT AITD LOCALCACT
COMMUNICATIONS
Sheet 1

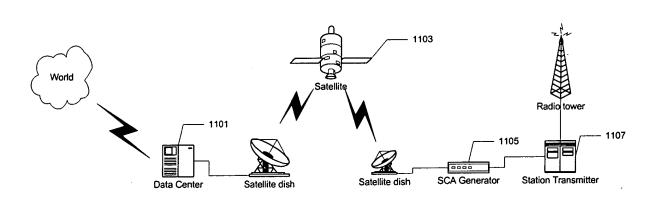


Fig. 11